

CODE	Common Name	Scientific Name	Category
10000	general insects	<Insecta>	General Insects
10001	thrips	<Thysanoptera>	General Insects
10002	pine tip moths	<pine tip moths>	General Insects
10003	wasp	<wasp>	General Insects
10004	Chinese rose beetle	<i>Adoretus sinicus</i>	General Insects
10005	rose beetle	<i>Adoretus versutus</i>	General Insects
10006	coconut hispid beetle	<i>Brontispa longissima</i>	General Insects
10007	clerid beetle	<Cleridae>	Insect Predators
10008	weevil	<Curculionidae>	Chewing Insects
10009	green rose chafer	<i>Dichelonyx backi</i>	Defoliators
10010	Allegheny mound ant	<i>Formica exsectoides</i>	General Insects
10011	ants	<Formicidae>	General Insects
10012	stick insect	<i>Graeffea crovanii</i>	General Insects
10013	< <i>Hulodes caranea</i> >	<i>Hulodes caranea</i>	General Insects
10014	conifer swift moth	<i>Korsheltellus gracilis</i>	General Insects
10015	Caroline shortnosed weevil	<i>Lophothetes</i> spp.	Chewing Insects
10016	coconut rhinoceros beetle	<i>Oryctes rhinoceros</i>	General Insects
10017	bagworm moth	<Psychidae>	Defoliators
10019	scarab	<Scarabaeidae>	General Insects
10020	ash whitefly	<i>Siphoninus phillyreae</i>	General Insects
10021	conifer seedling weevil	<i>Steremnius carinatus</i>	General Insects
10023	horntails	<Siricidae>	Boring Insects
11000	bark beetles	<Scolytinae>	Bark Beetles
11001	roundheaded pine beetle	<i>Dendroctonus adjunctus</i>	Bark Beetles
11002	western pine beetle	<i>Dendroctonus brevicomis</i>	Bark Beetles
11003	southern pine beetle	<i>Dendroctonus frontalis</i>	Bark Beetles
11004	Jeffrey pine beetle	<i>Dendroctonus jeffreyi</i>	Bark Beetles
11005	lodgepole pine beetle	<i>Dendroctonus murrayanae</i>	Bark Beetles
11006	mountain pine beetle	<i>Dendroctonus ponderosae</i>	Bark Beetles
11007	Douglas-fir beetle	<i>Dendroctonus pseudotsugae</i>	Bark Beetles
11008	boreal spruce beetle	<i>Dendroctonus punctatus</i>	Bark Beetles
11009	spruce beetle	<i>Dendroctonus rufipennis</i>	Bark Beetles
11010	eastern larch beetle	<i>Dendroctonus simplex</i>	Bark Beetles

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11011	black turpentine beetle	<i>Dendroctonus terebrans</i>	Bark Beetles
11012	red turpentine beetle	<i>Dendroctonus valens</i>	Bark Beetles
11013	goldhaired spruce engraver	<i>Dryocoetes affaber</i>	Bark Beetles
11014	< <i>Dryocoetes autographus</i> >	<i>Dryocoetes autographus</i>	Bark Beetles
11015	western balsam bark beetle	<i>Dryocoetes confusus</i>	Bark Beetles
11016	< <i>Dryocoetes sechelti</i> >	<i>Dryocoetes sechelti</i>	Bark Beetles
11017	ash bark beetles	<i>Hylesinus</i> spp.	Bark Beetles
11018	native elm bark beetle	<i>Hylurgopinus rufipes</i>	Bark Beetles
11019	pinyon ips	<i>Ips confusus</i>	Bark Beetles
11020	small southern pine engraver	<i>Ips avulsus</i>	Bark Beetles
11021	sixspined ips	<i>Ips calligraphus</i>	Bark Beetles
11022	emarginate ips	<i>Ips emarginatus</i>	Bark Beetles
11023	eastern fivespined ips	<i>Ips grandicollis</i>	Bark Beetles
11024	< <i>Orthotomicus latidens</i> >	<i>Orthotomicus latidens</i>	Bark Beetles
11025	Arizona fivespined ips	<i>Ips lecontei</i>	Bark Beetles
11026	false pine engraver	<i>Pseudips mexicanus</i>	Bark Beetles
11027	California fivespined ips	<i>Ips paraconfusus</i>	Bark Beetles
11028	northern spruce engraver	<i>Ips perturbatus</i>	Bark Beetles
11029	pine engraver	<i>Ips pini</i>	Bark Beetles
11030	ips engraver beetles	<i>Ips</i> spp.	Bark Beetles
11031	lesser spruce engraver	<i>Ips tridens</i>	Bark Beetles
11032	western ash bark beetle	<i>Hylesinus californicus</i>	Bark Beetles
11033	Oregon ash bark beetle	<i>Hylesinus oregonus</i>	Bark Beetles
11034	< <i>Orthotomicus caelatus</i> >	<i>Orthotomicus caelatus</i>	Bark Beetles
11035	cedar & cypress bark beetles	<i>Phloeosinus</i> spp.	Bark Beetles
11036	western cedar bark beetle	<i>Phloeosinus punctatus</i>	Bark Beetles
11037	tip beetles	<i>Pityogenes</i> spp.	Bark Beetles
11038	< <i>Pityophthorus pseudotsugae</i> >	<i>Pityophthorus pseudotsugae</i>	Bark Beetles
11039	twig beetles	<i>Pityophthorus</i> spp.	Bark Beetles
11040	foureyed spruce bark beetle	<i>Polygraphus rufipennis</i>	Bark Beetles
11041	fir root bark beetle	<i>Pseudohylesinus granulatus</i>	Bark Beetles
11042	< <i>Pseudohylesinus dispar</i> >	<i>Pseudohylesinus dispar</i>	Bark Beetles
11043	Douglas-fir pole beetle	<i>Pseudohylesinus nebulosus</i>	Bark Beetles
11044	silver fir beetle	<i>Pseudohylesinus sericeus</i>	Bark Beetles

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11045	smaller European elm bark beetle	<i>Scolytus multistriatus</i>	Bark Beetles
11046	spruce limb engraver	<i>Scolytus piceae</i>	Bark Beetles
11047	hickory bark beetle	<i>Scolytus quadrispinosus</i>	Bark Beetles
11048	true fir bark beetles	<i>Scolytus</i> spp.	Bark Beetles
11049	Douglas-fir engraver	<i>Scolytus unispinosus</i>	Bark Beetles
11050	fir engraver	<i>Scolytus ventralis</i>	Bark Beetles
11051	striped ambrosia beetle	<i>Trypodendron lineatum</i>	Bark Beetles
11052	Sitka spruce engraver	<i>Pseudips concinnus</i>	Bark Beetles
11053	four-eyed bark beetle	<i>Polygraphus</i> spp.	Bark Beetles
11054	hemlock beetle	<i>Pseudohylesinus tsugae</i>	Bark Beetles
11055	southern spruce engraver	<i>Ips pilifrons</i>	Bark Beetles
11056	smaller Mexican pine beetle	<i>Dendroctonus mexicanus</i>	Bark Beetles
11057	banded elm bark beetle	<i>Scolytus schevyrewi</i>	Bark Beetles
11058	redbay ambrosia beetle	<i>Xyleborus glabratus</i>	Boring Insects
11059	southern cypress beetle	<i>Phloeosinus taxodii</i>	Bark Beetles
11060	Mediterranean pine engraver	<i>Orthotomicus erosus</i>	Bark Beetles
11061	European bark beetle (H. opacus)	<i>Hylastes opacus</i>	Bark Beetles
11062	redhaired pine bark beetle	<i>Hylurgus ligniperda</i>	Bark Beetles
11063	blue spruce engraver	<i>Ips hunteri</i>	Bark Beetles
11064	European spruce bark beetle	<i>Ips typographus</i>	Bark Beetles
11065	European silver fir beetle	<i>Pityokteines curvidens</i>	Bark Beetles
11066	walnut twig beetle	<i>Pityophthorus juglandis</i>	Bark Beetles
11800	other bark beetle (known)	<other bark beetle (known)>	Bark Beetles
11900	unknown bark beetle	<unknown bark beetle>	Bark Beetles
11999	western bark beetle complex	<western bark beetle complex>	Bark Beetles
12000	defoliators	<defoliators>	Defoliators
12001	casebearer	<casebearer>	Defoliators
12002	leaftier	<leaftier>	Defoliators
12003	loopers	<loopers>	Defoliators
12004	needleminers	<needleminers>	Defoliators
12005	sawflies	<Symphyta>	Defoliators
12006	skeletonizer	<skeletonizer>	Defoliators
12007	larger elm leaf beetle	<i>Monocesta coryli</i>	Defoliators

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12008	spanworm	<spanworm>	Defoliators
12009	webworm	<webworm>	Defoliators
12010	pine false webworm	<i>Acantholyda erythrocephala</i>	Defoliators
12011	western blackheaded budworm	<i>Acleris gloverana</i>	Defoliators
12012	eastern blackheaded budworm	<i>Acleris variana</i>	Defoliators
12013	whitefly	<Aleyrodidae>	Sap Feeding Insects
12014	fall cankerworm	<i>Alsophila pometaria</i>	Defoliators
12015	alder flea beetle	<i>Macrohaltica ambiens</i>	Defoliators
12016	mountain mahogany looper	<i>Anacamptodes clivinaria profanata</i>	Defoliators
12017	birch leaffolder	<i>Ancylis discigerana</i>	Defoliators
12018	oak worms	<i>Anisota</i> spp.	Defoliators
12019	orangestriped oakworm	<i>Anisota senatoria</i>	Defoliators
12020	western larch sawfly	<i>Anoplonyx occidens</i>	Defoliators
12021	fruittree leafroller	<i>Archips argyrospila</i>	Defoliators
12022	uglynest caterpillar	<i>Archips cerasivorana</i>	Defoliators
12023	boxelder defoliator	<i>Archips negundanus</i>	Defoliators
12024	oak leafroller	<i>Archips semiferana</i>	Defoliators
12025	birch sawfly	<i>Arge pectoralis</i>	Defoliators
12026	arborvitae leafminer	<i>Argyresthia thuiella</i>	Defoliators
12027	coconut scale	<i>Aspidiotus destructor</i>	Defoliators
12028	Texas leafcutting ant	<i>Atta texana</i>	Defoliators
12029	oak skeletonizer	<i>Bucculatrix ainliella</i>	Defoliators
12030	pear sawfly	<i>Caliroa cerasi</i>	Defoliators
12031	scarlet oak sawfly	<i>Caliroa quercuscoccineae</i>	Defoliators
12032	elm calligrapha	<i>Calligrapha scalaris</i>	Defoliators
12033	boxelder leafroller	<i>Caloptilia negundella</i>	Defoliators
12034	maple petiole borer	<i>Caulocampus acericaulis</i>	Defoliators
12035	spruce webspinning sawfly	<i>Cephalcia fascipennis</i>	Defoliators
12036	two-year-cycle budworm	<i>Choristoneura biennis</i>	Defoliators
12037	large aspen tortrix	<i>Choristoneura conflictana</i>	Defoliators
12038	spruce budworm	<i>Choristoneura fumiferana</i>	Defoliators
12039	western pine budworm	<i>Choristoneura lambertiana</i>	Defoliators
12040	western spruce budworm	<i>Choristoneura occidentalis</i>	Defoliators
12041	jack pine budworm	<i>Choristoneura pinus</i>	Defoliators

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12042	Modoc budworm	<i>Choristoneura retiniana</i>	Defoliators
12043	aspen leaf beetle	<i>Chrysomela crotchi</i>	Defoliators
12044	cottonwood leaf beetle	<i>Chrysomela scripta</i>	Defoliators
12045	leafhopper	<Cicadellidae>	Defoliators
12046	poplar tentmaker	<i>Clostera inclusa</i>	Defoliators
12047	larch casebearer	<i>Coleophora laricella</i>	Defoliators
12048	birch casebearer	<i>Coleophora serratella</i>	Defoliators
12049	lodgepole needleminer	<i>Coleotechnites milleri</i>	Defoliators
12050	Gelechiid moths/needleminers	<i>Coleotechnites</i> spp.	Defoliators
12051	Black Hills pandora moth	<i>Coloradia doris</i>	Defoliators
12052	pandora moth	<i>Coloradia pandora</i>	Defoliators
12053	sycamore lace bug	<i>Corythucha ciliata</i>	Defoliators
12054	lace bugs	<i>Corythucha</i> spp.	Defoliators
12055	oak leaftier	<i>Croesia semipurpurana</i>	Defoliators
12056	dusky birch sawfly	<i>Croesus latitarsus</i>	Defoliators
12057	walnut caterpillar	<i>Datana integerrima</i>	Defoliators
12058	yellownecked caterpillar	<i>Datana ministra</i>	Defoliators
12059	walkingstick	<i>Diaperomera femorata</i>	Defoliators
12060	spruce coneworm	<i>Dioryctria reniculelloides</i>	Defoliators
12061	introduced pine sawfly	<i>Diprion similis</i>	Defoliators
12062	greenstriped mapleworm	<i>Dryocampa rubicunda</i>	Defoliators
12064	elm spanworm	<i>Ennomos subsignaria</i>	Defoliators
12065	maple trumpet skeletonizer	<i>Epinotia aceriella</i>	Defoliators
12066	white fir needleminer	<i>Epinotia meritana</i>	Defoliators
12067	linden looper	<i>Erannis tiliaria</i>	Defoliators
12068	browntail moth	<i>Euproctis chrysorrhoea</i>	Defoliators
12069	pine needleminer	<i>Exoteleia pinifoliella</i>	Defoliators
12070	birch leafminer	<i>Fenusa pusilla</i>	Defoliators
12071	elm leafminer	<i>Kaliofenusa ulmi</i>	Defoliators
12072	geometrid moth	<Geometridae>	Defoliators
12073	leafblotch miner	<Gracillariidae>	Defoliators
12074	spotted tussock moth	<i>Lophocampa maculata</i>	Defoliators
12075	pale tussock moth	<i>Lophocampa tessellaris</i>	Defoliators
12076	hesperiid moth	<i>Hasora chromus</i>	Defoliators

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12077	brown day moth	<i>Hemileuca eglanterina</i>	Defoliators
12078	buck moth	<i>Hemileuca maia</i>	Defoliators
12079	saddled prominent	<i>Heterocampa guttivitta</i>	Defoliators
12080	variable oakleaf caterpillar	<i>Lochmaeus manteo</i>	Defoliators
12081	cherry scallop shell moth	<i>Hydria prunivorata</i>	Defoliators
12082	fall webworm	<i>Hyphantria cunea</i>	Defoliators
12083	hemlock looper	<i>Lambdina fiscellaria</i>	Defoliators
12084	oak looper	<i>Lambdina punctata</i>	Defoliators
12085	tent caterpillar moth	<Lasiocampidae>	Defoliators
12086	satin moth	<i>Leucoma salicis</i>	Defoliators
12087	willow leafblotch miner	<i>Lithocolletis</i> spp.	Defoliators
12088	aspen blotchminer	<i>Phyllonorycter tremuloidiella</i>	Defoliators
12089	gypsy moth	<i>Lymantria dispar</i>	Defoliators
12090	cottonwood leafminers	<i>Lyonetia</i> spp.	Defoliators
12091	dogwood sawfly	<i>Macremphytus tarsatus</i>	Defoliators
12092	rose chafer	<i>Macrodactylus subspinosus</i>	Defoliators
12093	eastern tent caterpillar	<i>Malacosoma americanum</i>	Defoliators
12094	western tent caterpillar	<i>Malacosoma californicum</i>	Defoliators
12095	Pacific tent caterpillar	<i>Malacosoma constrictum</i>	Defoliators
12096	forest tent caterpillar	<i>Malacosoma disstria</i>	Defoliators
12097	southwestern tent caterpillar	<i>Malacosoma incurvum</i>	Defoliators
12098	leafcutting bees	<Megachilidae>	Defoliators
12099	blister beetle	<Meloidae>	Defoliators
12100	early birch leaf edgeminer	<i>Messa nana</i>	Defoliators
12101	juniper sawfly	<i>Monoctenus fulvus</i>	Defoliators
12102	common sawflies	<i>Nematus</i> spp.	Defoliators
12103	balsam fir sawfly	<i>Neodiprion abietis</i>	Defoliators
12104	lodgepole sawfly	<i>Neodiprion burkei</i>	Defoliators
12105	blackheaded pine sawfly	<i>Neodiprion excitans</i>	Defoliators
12106	pine infesting sawflies	<i>Neodiprion fulviceps</i> sp. complex	Defoliators
12107	redheaded pine sawfly	<i>Neodiprion lecontei</i>	Defoliators
12109	ponderosa pine sawfly	<i>Neodiprion mundus</i>	Defoliators
12110	white pine sawfly	<i>Neodiprion pinetum</i>	Defoliators
12111	jack pine sawfly	<i>Neodiprion pratti banksianae</i>	Defoliators

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12112	Virginia pine sawfly	<i>Neodiprion pratti pratti</i>	Defoliators
12113	European pine sawfly	<i>Neodiprion sertifer</i>	Defoliators
12114	loblolly pine sawfly	<i>Neodiprion taedae linearis</i>	Defoliators
12115	hemlock sawfly	<i>Neodiprion tsugae</i>	Defoliators
12116	pine butterfly	<i>Neophasia menapia</i>	Defoliators
12117	false hemlock looper	<i>Nepytia canosaria</i>	Defoliators
12118	California tortoiseshell	<i>Nymphalis californica</i>	Defoliators
12119	locust leafminer	<i>Odontota dorsalis</i>	Defoliators
12120	Bruce spanworm	<i>Operophtera bruceata</i>	Defoliators
12121	rusty tussock moth	<i>Orgyia antiqua</i>	Defoliators
12122	whitemarked tussock moth	<i>Orgyia leucostigma</i>	Defoliators
12123	Douglas-fir tussock moth	<i>Orgyia pseudotsugata</i>	Defoliators
12124	western tussock moth	<i>Orgyia vetusta</i>	Defoliators
12125	spring cankerworm	<i>Paleacrita vernata</i>	Defoliators
12126	black citrus swallowtail butterfly	<i>Papilio polytes</i>	Defoliators
12127	maple leafcutter	<i>Paraclemensia acerifoliella</i>	Defoliators
12128	pine tussock moth	<i>Dasychira pinicola</i>	Defoliators
12129	poinciana looper	<i>Pericyma cruegeri</i>	Defoliators
12130	half-wing geometer	<i>Phigalia titea</i>	Defoliators
12131	Phoberia moth	<i>Phoberia atomaris</i>	Defoliators
12132	California oakworm	<i>Phryganidia californica</i>	Defoliators
12133	European snout beetle	<i>Phyllobius oblongus</i>	Defoliators
12134	citrus leafminer	<i>Phyllocnistis citrella</i>	Defoliators
12135	aspen leafminer	<i>Phyllocnistis populiella</i>	Defoliators
12136	yellowheaded spruce sawfly	<i>Pikonema alaskensis</i>	Defoliators
12137	tenlined June beetle	<i>Polyphylla decemlineata</i>	Defoliators
12138	Japanese beetle	<i>Popillia japonica</i>	Defoliators
12139	larch sawfly	<i>Pristiphora erichsonii</i>	Defoliators
12140	mountain-ash sawfly	<i>Pristiphora geniculata</i>	Defoliators
12141	elm leaf beetle	<i>Xanthogaleruca luteola</i>	Defoliators
12142	spear-marked black moth	<i>Rheumaptera hastata</i>	Defoliators
12143	giant silkworm moth	<Saturniidae>	Defoliators
12144	redhumped caterpillar	<i>Schizura concinna</i>	Defoliators
12145	redbanded thrips	<i>Selenothrips rubrocinctus</i>	Defoliators

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12146	green larch looper	<i>Semiothisa sexmaculata</i>	Defoliators
12147	maple leafroller	<i>Sparganothis acerivorana</i>	Defoliators
12148	redhumped oakworm	<i>Symmerista canicosta</i>	Defoliators
12149	orangehumped mapleworm	<i>Symmerista leucitys</i>	Defoliators
12150	spruce needleminer	<i>Taniva albolineana</i>	Defoliators
12151	maple webworm	<i>Tetralopha asperatella</i>	Defoliators
12152	pine webworm	<i>Pococera robustella</i>	Defoliators
12153	introduced basswood thrips	<i>Thrips calcaratus</i>	Defoliators
12154	bagworm	<i>Thyridopteryx ephemeraeformis</i>	Defoliators
12155	leafroller/seed moth	<Tortricidae> [leafroller / seed moth]	Defoliators
12156	willow defoliation	<Tortricidae> [willow defoliation]	Defoliators
12157	euonymus caterpillar	<i>Yponomeuta</i> spp.	Defoliators
12158	spruce bud moth	<i>Zeiraphera canadensis</i>	Defoliators
12159	larch bud moth	<i>Zeiraphera improbana</i>	Defoliators
12160	pine needle sheathminer	<i>Zelleria haimbachi</i>	Defoliators
12161	cypress looper	<i>Anacamptodes pergracilis</i>	Defoliators
12162	Chrysomela leaf beetle	<i>Chrysomela</i> spp.	Defoliators
12163	pine colaspis	<i>Colaspis pini</i>	Defoliators
12164	saddleback looper	<i>Ectropis crepuscularia</i>	Defoliators
12165	birch leafroller	<i>Epinotia solandriana</i>	Defoliators
12166	New Mexico fir looper	<i>Galenara consimilis</i>	Defoliators
12167	striped alder sawfly	<i>Hemichroa crocea</i>	Defoliators
12168	greenstriped looper	<i>Melanolophia imitata</i>	Defoliators
12169	willow leaf blotchminer	<i>Micrurapteryx salicifoliella</i>	Defoliators
12170	pine sawfly	<i>Neodiprion autumnalis</i>	Defoliators
12171	pinyon sawfly	<i>Neodiprion edulicolus</i>	Defoliators
12172	< <i>Neodiprion gillettei</i> >	<i>Neodiprion gillettei</i>	Defoliators
12173	< <i>Neodiprion ventralis</i> >	<i>Neodiprion ventralis</i>	Defoliators
12174	pine looper	<i>Phaeoura mexicanaria</i>	Defoliators
12175	< <i>Zadiprion rohweri</i> >	<i>Zadiprion rohweri</i>	Defoliators
12176	bull pine sawfly	<i>Zadiprion townsendi</i>	Defoliators
12177	Douglas-fir budmoth	<i>Zeiraphera hesperiana</i>	Defoliators
12178	western oak looper	<i>Lambdina fiscellaria somniaria</i>	Defoliators
12179	phantom hemlock looper	<i>Nepytia phantasmaria</i>	Defoliators

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12180	tent caterpillars	<i>Malacosoma</i> spp.	Defoliators
12181	Abbot's sawfly	<i>Neodiprion abbotii</i>	Defoliators
12182	slash pine sawfly	<i>Neodiprion merkei</i>	Defoliators
12183	sand pine sawfly	<i>Neodiprion pratti</i>	Defoliators
12184	melalueca leaf weevil	<i>Oxyops vitiosa</i>	Defoliators
12185	cypress leaf beetle	<i>Systema marginalis</i>	Defoliators
12186	< <i>Nepytia janetae</i> >	<i>Nepytia janetae</i>	Defoliators
12187	agromyzid fly	<i>Agromyza viridula</i>	Defoliators
12188	elm sawfly	<i>Cimbex americana</i>	Defoliators
12189	june beetle	<i>Phyllophaga</i> spp.	Defoliators
12190	hickory tussock moth	<i>Lophocampa caryae</i>	Defoliators
12191	pin oak sawfly	<i>Caliroa lineata</i>	Defoliators
12192	palmerworm	<i>Dichomeris ligulella</i>	Defoliators
12193	pitch pine looper	<i>Lambdina athasaria pellucidaria</i>	Defoliators
12194	red pine sawfly	<i>Neodiprion nanulus nanulus</i>	Defoliators
12195	pine tube moth	<i>Argyrotaenia pinatubana</i>	Defoliators
12196	baldcypress leafroller	<i>Archips goyerana</i>	Defoliators
12197	winter moth	<i>Operophtera brumata</i>	Defoliators
12198	basswood thrips	<i>Neohydatothrips tiliae</i>	Defoliators
12199	noctuid moth	<i>Xylomyges simplex</i>	Defoliators
12200	ash leafroller	<i>Palpita magniferalis</i>	Defoliators
12201	Pacific silver fir budmoth	<i>Zeiraphera</i> spp.	Defoliators
12202	red pine needle midge	<i>Thecodiplosis piniresinosae</i>	Defoliators
12203	western hemlock looper	<i>Lambdina fiscellaria lugubrosa</i>	Defoliators
12204	lodgepole pine sawfly	<i>Neodiprion nanulus contortae</i>	Defoliators
12205	silverspotted tiger moth	<i>Lophocampa argentata</i>	Defoliators
12206	green alder sawfly	<i>Monsoma pulveratum</i>	Defoliators
12207	conifer sawflies	<i>Neodiprion</i> spp.	Defoliators
12208	ambermarked birch leafminer	<i>Profenusa thomsoni</i>	Defoliators
12209	cycad blue butterfly	<i>Chilades pandava</i>	Defoliators
12210	European elm flea weevil	<i>Orchestes alni</i>	Defoliators
12211	eucalyptus snout beetle	<i>Gonipterus scutellatus</i>	Defoliators
12212	European pine needle midge	<i>Contarinia baeri</i>	Defoliators
12213	European spruce needleminer	<i>Epinotia nanana</i>	Defoliators

CODE	Common Name	Scientific Name	Category
12214	European web-spinning larch sawfly	<i>Cephalcia lariciphila</i>	Defoliators
12215	imported willow leaf beetle	<i>Plagioderia versicolora</i>	Defoliators
12216	mimosa webworm	<i>Homadaula anisocentra</i>	Defoliators
12217	poplar sawfly	<i>Trichiocampus viminalis</i>	Defoliators
12218	red gum lerp psyllid	<i>Glycaspis brimblecombei</i>	Defoliators
12219	European spruce sawfly	<i>Gilpinia hercyniae</i>	Defoliators
12220	mountain-mahogany moth	<i>Ethmia discostrigella</i>	Defoliators
12221	Myoporum thrips	<i>Klambothrips myopori</i>	Defoliators
12222	koa looper moth	<i>Scotorythra paludicola</i>	Defoliators
12223	bare-patched oak leafroller	<i>Pseudexentera spoliata</i>	Defoliators
12300	budworm	<budworms>	Defoliators
12800	other defoliator (known)	<other defoliator (known)>	Defoliators
12900	unknown defoliator	<unknown defoliator>	Defoliators
13000	chewing insects	<chewing insects>	Chewing Insects
13001	grasshopper	<grasshopper>	Chewing Insects
13002	shorthorn grasshoppers	<Acrididae>	Chewing Insects
13003	black cutworm	<i>Agrotis ipsilon</i>	Chewing Insects
13004	Palau coconut beetle	<i>Brontispa palauensis</i>	Chewing Insects
13005	clearwinged grasshopper	<i>Camnula pellucida</i>	Chewing Insects
13006	cicadas	<Cicadidae>	Sap Feeding Insects
13007	Eurytomid wasps	<i>Eurytoma</i> spp.	Chewing Insects
13008	< <i>Euxoa excellens</i> >	<i>Euxoa excellens</i>	Chewing Insects
13009	whitefringed beetles	<i>Graphognathus</i> spp.	Chewing Insects
13010	pales weevil	<i>Hylobius pales</i>	Chewing Insects
13011	vegetable weevil	<i>Listroderes difficilis</i>	Chewing Insects
13012	periodical cicada	<i>Magicicada septendecim</i>	Sap Feeding Insects
13013	migratory grasshopper	<i>Melanoplus sanguinipes</i>	Chewing Insects
13014	valley grasshopper	<i>Oedaleonotus enigma</i>	Chewing Insects
13015	strawberry root weevil	<i>Otiorhynchus ovatus</i>	Chewing Insects
13016	black vine weevil	<i>Otiorhynchus sulcatus</i>	Chewing Insects
13017	pandanus beetle	<i>Oxycephala pandani</i>	Chewing Insects
13018	spaeth pandanus	<i>Oxycephala spaethi</i>	Chewing Insects
13019	agamemnon butterfly	<i>Papilio agememnon</i>	Chewing Insects

CODE	Common Name	Scientific Name	Category
13020	northern pitch twig moth	<i>Petrova albicapitana</i>	Chewing Insects
13021	ponderosa pine tip moth	<i>Rhyacionia zozana</i>	Chewing Insects
13022	pine needle weevil	<i>Scythropus</i> spp.	Chewing Insects
13023	coconut longhorned grasshopper	<i>Segestes unicolor</i>	Chewing Insects
13024	clover root curculio	<i>Sitona hispidulus</i>	Chewing Insects
13025	madrone thrips	<i>Thrips madronii</i>	Chewing Insects
13026	ash plant bug	<i>Tropidosteptes amoenus</i>	Chewing Insects
13027	shorthorned grasshopper	<i>Valanga nigricornis</i>	Chewing Insects
13028	pitch-eating weevil	<i>Pachylobius picivorus</i>	Chewing Insects
13029	eastern pine weevil	<i>Pissodes nemorensis</i>	Chewing Insects
13030	adana tip moth	<i>Rhyacionia adana</i>	Chewing Insects
13031	Asiatic oak weevil	<i>Cyrtepistomus castaneus</i>	Chewing Insects
13800	other chewing insect (known)	<other chewing insect (known)>	Chewing Insects
13900	unknown chewing insect	<unknown chewing insect>	Chewing Insects
14000	sap feeding insects	<sap feeding insects>	Sap Feeding Insects
14001	scale insects	<Coccodidea>	Sap Feeding Insects
14002	western larch woolly aphid	<i>Adelges oregonensis</i>	Sap Feeding Insects
14003	balsam woolly adelgid	<i>Adelges piceae</i>	Sap Feeding Insects
14004	hemlock woolly adelgid	<i>Adelges tsugae</i>	Sap Feeding Insects
14005	spiraling whitefly	<i>Aleurodicus dispersus</i>	Sap Feeding Insects
14006	aphid	<Aphididae>	Sap Feeding Insects
14007	pine spittlebug	<i>Aphrophora cribrata</i>	Sap Feeding Insects
14008	western pine spittlebug	<i>Aphrophora permutata</i>	Sap Feeding Insects
14009	Saratoga spittlebug	<i>Aphrophora saratogensis</i>	Sap Feeding Insects
14010	spittlebug	<Cercopidae>	Sap Feeding Insects
14011	wax scale	<i>Ceroplastes</i> spp.	Sap Feeding Insects
14012	pine needle scale	<i>Chionaspis pinifoliae</i>	Sap Feeding Insects
14014	giant conifer aphids	<i>Cinara</i> spp.	Sap Feeding Insects
14015	white pine aphid	<i>Cinara strobi</i>	Sap Feeding Insects
14016	beech scale	<i>Cryptococcus fagisuga</i>	Sap Feeding Insects
14017	spruce aphid	<i>Elatobium abietinum</i>	Sap Feeding Insects
14018	woolly apple aphid	<i>Eriosoma lanigerum</i>	Sap Feeding Insects
14019	striped mealybug	<i>Ferrisia virgata</i>	Sap Feeding Insects

CODE	Common Name	Scientific Name	Category
14020	elongate hemlock scale	<i>Fiorinia externa</i>	Sap Feeding Insects
14021	coconut red scale	<i>Furcaspis oceanica</i>	Sap Feeding Insects
14022	pine thrips	<i>Gnophothrips</i> spp.	Sap Feeding Insects
14023	leucaena psyllid	<i>Heteropsylla cubana</i>	Sap Feeding Insects
14024	honeysuckle aphids	<i>Hyadaphis tataricae</i>	Sap Feeding Insects
14025	Egyptian fluted scale	<i>Icerya aegyptiaca</i>	Sap Feeding Insects
14026	Lecanium scale	<i>Lecanium</i> spp.	Sap Feeding Insects
14027	common falsepit scale	<i>Lecanodiaspis prosopidis</i>	Sap Feeding Insects
14028	oystershell scale	<i>Lepidosaphes ulmi</i>	Sap Feeding Insects
14029	pinyon needle scale	<i>Matsucoccus acalyptus</i>	Sap Feeding Insects
14030	ponderosa pine twig scale	<i>Matsucoccus bisetosus</i>	Sap Feeding Insects
14031	pine twig scale	<i>Matsucoccus californicus</i>	Sap Feeding Insects
14032	ponderosa pine scale	<i>Matsucoccus degeneratus</i>	Sap Feeding Insects
14033	red pine scale	<i>Matsucoccus resinosa</i>	Sap Feeding Insects
14034	Prescott scale	<i>Matsucoccus vexillorum</i>	Sap Feeding Insects
14035	treehoopers	<Membracidae>	Sap Feeding Insects
14036	hibiscus psyllid	<i>Mesohomotoma hibisci</i>	Sap Feeding Insects
14037	balsam twig aphid	<i>Mindarus abietinus</i>	Sap Feeding Insects
14038	hibiscus mealybug	<i>Nipaecoccus viridis</i>	Sap Feeding Insects
14039	black pineleaf scale	<i>Nuculaspis californica</i>	Sap Feeding Insects
14040	spruce spider mite	<i>Oligonychus ununguis</i>	Sap Feeding Insects
14041	twig girdler	<i>Oncideres cingulata</i>	Boring Insects
14042	woolly alder aphid	<i>Paraprociphilus tessellatus</i>	Sap Feeding Insects
14043	maple aphids	<i>Periphyllus</i> spp.	Sap Feeding Insects
14044	spruce bud scale	<i>Physokermes piceae</i>	Sap Feeding Insects
14045	red pine adelgid	<i>Pineus borneri</i>	Sap Feeding Insects
14046	pine leaf adelgid	<i>Pineus pinifoliae</i>	Sap Feeding Insects
14048	pine bark adelgid	<i>Pineus strobi</i>	Sap Feeding Insects
14049	smoky-winged ash aphid	<i>Prociphilus americanus</i>	Sap Feeding Insects
14050	mealybug	<Pseudococcidae>	Sap Feeding Insects
14051	cottony maple scale	<i>Pulvinaria innumerabilis</i>	Sap Feeding Insects
14052	fir mealybug	<i>Puto cupressi</i>	Sap Feeding Insects
14053	Douglas-fir mealybug	<i>Puto profusus</i>	Sap Feeding Insects
14054	spruce mealybug	<i>Puto sandini</i>	Sap Feeding Insects

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14055	hemispherical scale	<i>Saissetia coffeae</i>	Sap Feeding Insects
14056	woolly pine needle aphid	<i>Schizolachnus piniradiatae</i>	Sap Feeding Insects
14057	steatococcus scale	<i>Steatococcus samaraius</i>	Sap Feeding Insects
14058	pear thrips	<i>Taeniothrips inconsequens</i>	Sap Feeding Insects
14059	mulberry whitefly	<i>Tetraleurodes mori</i>	Sap Feeding Insects
14060	tuliptree scale	<i>Toumeyella liriodendri</i>	Sap Feeding Insects
14061	pine tortoise scale	<i>Toumeyella parvicornis</i>	Sap Feeding Insects
14062	citrus snow scale	<i>Unaspis citri</i>	Sap Feeding Insects
14063	birch aphid	<i>Euceraphis betulae</i>	Sap Feeding Insects
14064	Kermes scale	<i>Allokermes</i> spp.	Sap Feeding Insects
14065	Casuarina spittlebug	<i>Clastoptera undulata</i>	Sap Feeding Insects
14066	giant bark aphid	<i>Longistigma caryae</i>	Sap Feeding Insects
14067	woolly pine scale	<i>Pseudophilippia quaintancii</i>	Sap Feeding Insects
14068	European elm scale	<i>Gossyparia spuria</i>	Sap Feeding Insects
14069	elm scurfy scale	<i>Chionaspis americana</i>	Sap Feeding Insects
14070	magnolia scale	<i>Neolecanium cornuparvum</i>	Sap Feeding Insects
14071	beech blight aphid	<i>Fagiphagus imbricator</i>	Sap Feeding Insects
14072	beech woolly aphid	<i>Phyllaphis fagi</i>	Sap Feeding Insects
14073	Asian cycad scale	<i>Aulacaspis yasumatsui</i>	Sap Feeding Insects
14074	European fruit lecanium scale	<i>Parthenolecanium corni</i>	Sap Feeding Insects
14075	lobate lac scale	<i>Paratachardina lobata</i>	Sap Feeding Insects
14076	calico scale	<i>Eulecanium cerasorum</i>	Sap Feeding Insects
14077	California red scale	<i>Aonidiella aurantii</i>	Sap Feeding Insects
14078	circular hemlock scale	<i>Nuculaspis tsugae</i>	Sap Feeding Insects
14079	cottony cushion scale	<i>Icerya purchasi</i>	Sap Feeding Insects
14080	eucalyptus psyllid	<i>Blastopsylla occidentalis</i>	Sap Feeding Insects
14081	golden oak scale	<i>Asterolecanium variolosum</i>	Sap Feeding Insects
14082	juniper scale	<i>Carulaspis juniperi</i>	Sap Feeding Insects
14083	pink hibiscus mealybug	<i>Maconellicoccus hirsutus</i>	Sap Feeding Insects
14084	San Jose scale	<i>Diaspidiotus perniciosus</i>	Sap Feeding Insects
14085	oak pit scale A. minus	<i>Asterolecanium minus</i>	Sap Feeding Insects
14086	bluegum psyllid	<i>Ctenarytaina eucalypti</i>	Sap Feeding Insects
14087	linden aphid	<i>Eucallipterus tiliae</i>	Sap Feeding Insects
14088	Norway maple aphid	<i>Periphyllus lyropictus</i>	Sap Feeding Insects

CODE	Common Name	Scientific Name	Category
14089	camphor scale	<i>Pseudaonidia duplex</i>	Sap Feeding Insects
14800	other sap feeding insect (known)	<other sap feeding insect (known)>	Sap Feeding Insects
14900	unknown sap feeding insect	<unknown sap feeding insect>	Sap Feeding Insects
15000	boring insects	<boring insects>	Boring Insects
15001	shoot borers	<shoot borers>	Boring Insects
15002	termites	<Termitoidae>	Boring Insects
15003	ponderosa pine bark beetle	<i>Acanthocinus princeps</i>	Boring Insects
15004	bronze birch borer	<i>Agrilus anxius</i>	Boring Insects
15005	twolined chestnut borer	<i>Agrilus bilineatus</i>	Boring Insects
15006	bronze poplar borer	<i>Agrilus liragus</i>	Boring Insects
15007	carpenter bees	<Apidae>	Boring Insects
15008	flatheaded borer	<Buprestidae>	Boring Insects
15009	golden buprestid	<i>Buprestis aurulenta</i>	Boring Insects
15010	carpenter ants	<i>Camponotus</i> spp.	Boring Insects
15011	gouty pitch midge	<i>Cecidomyia piniinopis</i>	Boring Insects
15012	shootboring sawflies	<Cephidae>	Boring Insects
15013	roundheaded borer	<Cerambycidae>	Boring Insects
15014	flatheaded appletree borer	<i>Chrysobothris femorata</i>	Boring Insects
15015	cranberry girdler	<i>Chrysoteuchia topiaria</i>	Boring Insects
15016	Columbian timber beetle	<i>Corthylus columbianus</i>	Boring Insects
15017	pitted ambrosia beetle	<i>Corthylus punctatissimus</i>	Boring Insects
15018	carpenterworm moths	<Cossidae>	Boring Insects
15019	poplar-and-willow borer	<i>Cryptorhynchus lapathi</i>	Boring Insects
15020	pine reproduction weevil	<i>Cylindrocopturus eatoni</i>	Boring Insects
15021	Douglas-fir twig weevil	<i>Cylindrocopturus furnissi</i>	Boring Insects
15022	Zimmerman pine moth	<i>Dioryctria zimmermani</i>	Boring Insects
15023	oak twig borers	<i>Anelaphus</i> spp.	Boring Insects
15024	twig pruner	<i>Anelaphus villosus</i>	Boring Insects
15025	lesser cornstalk borer	<i>Elasmopalpus lignosellus</i>	Boring Insects
15026	red oak borer	<i>Enaphalodes rufulus</i>	Boring Insects
15027	ponderous borer	<i>Ergates spiculatus</i>	Boring Insects
15028	eastern pine shoot borer	<i>Eucosma gloriola</i>	Boring Insects
15029	western pine shoot borer	<i>Eucosma sonomana</i>	Boring Insects

CODE	Common Name	Scientific Name	Category
15030	Eucosma shoot borers	<i>Eucosma</i> spp.	Boring Insects
15031	sugar maple borer	<i>Glycobius speciosus</i>	Boring Insects
15032	Goes longhorn beetles	<i>Goes</i> spp.	Boring Insects
15033	pine root collar weevil	<i>Hylobius radialis</i>	Boring Insects
15034	Warren root collar weevil	<i>Hylobius warreni</i>	Boring Insects
15035	powderpost beetles	<Lyctidae>	Boring Insects
15036	tarnished plant bug	<i>Lygus lineolaris</i>	Boring Insects
15037	bark weevils	<i>Magdalis</i> spp.	Boring Insects
15038	white pine barkminer moth	<i>Marmara fasciella</i>	Boring Insects
15039	locust borer	<i>Megacyllene robiniae</i>	Boring Insects
15040	California flatheaded borer	<i>Phaenops californica</i>	Boring Insects
15041	flatheaded fir borer	<i>Phaenops drummondi</i>	Boring Insects
15042	whitespotted sawyer	<i>Monochamus scutellatus</i>	Boring Insects
15043	redheaded ash borer	<i>Neoclytus acuminatus</i>	Boring Insects
15044	western ash borer	<i>Neoclytus conjunctus</i>	Boring Insects
15045	oberea shoot borers	<i>Oberea</i> spp.	Boring Insects
15046	eucalyptus longhorned borer (P. semipunctata)	<i>Phoracantha semipunctata</i>	Boring Insects
15047	northern pine weevil	<i>Pissodes approximatus</i>	Boring Insects
15048	balsam bark weevil	<i>Pissodes striatulus</i>	Boring Insects
15049	Monterey pine weevil	<i>Pissodes radiatae</i>	Boring Insects
15050	Engelmann spruce weevil	<i>Pissodes strobi</i>	Boring Insects
15051	lodgepole terminal weevil	<i>Pissodes terminalis</i>	Boring Insects
15052	ambrosia beetles	<i>Platypus</i> spp.	Boring Insects
15053	cottonwood borer	<i>Plectrodera scalator</i>	Boring Insects
15054	balsam shootboring sawfly	<i>Pleroneura brunneicornis</i>	Boring Insects
15055	pine gall weevil	<i>Podapion gallicola</i>	Boring Insects
15056	ash borer	<i>Podosesia syringae fraxini</i>	Boring Insects
15057	ash borer / lilac borer	<i>Podosesia syringae</i>	Boring Insects
15058	carpenterworm	<i>Prionoxystus robiniae</i>	Boring Insects
15059	maple shoot borers	<i>Proteoteras</i> spp.	Boring Insects
15060	western subterranean termite	<i>Reticulitermes hesperus</i>	Boring Insects
15061	coconut trunk weevil	<i>Rhabdoscelus asperipennis</i>	Boring Insects
15062	New Guinea sugarcane weevil	<i>Rhabdoscelus obscurus</i>	Boring Insects
15063	European pine shoot moth	<i>Rhyacionia buoliana</i>	Boring Insects

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15064	western pine tip moth	<i>Rhyacionia bushnelli</i>	Boring Insects
15065	Nantucket pine tip moth	<i>Rhyacionia frustrana</i>	Boring Insects
15066	lodgepole pine tip moth	<i>Rhyacionia montana</i>	Boring Insects
15067	southwestern pine tip moth	<i>Rhyacionia neomexicana</i>	Boring Insects
15068	poplar borer	<i>Saperda calcarata</i>	Boring Insects
15069	roundheaded appletree borer	<i>Saperda candida</i>	Boring Insects
15070	Saperda shoot borer	<i>Saperda</i> spp.	Boring Insects
15071	clearwing moths	<Sesiidae>	Boring Insects
15072	dogwood borer	<i>Synanthedon scitula</i>	Boring Insects
15073	roundheaded fir borer	<i>Tetropium abietis</i>	Boring Insects
15074	western larch borer	<i>Tetropium velutinum</i>	Boring Insects
15075	western cedar borer	<i>Trachykele blondeli</i>	Boring Insects
15076	Douglas-fir pitch moth	<i>Synanthedon novaroensis</i>	Boring Insects
15077	sequoia pitch moth	<i>Synanthedon sequoiae</i>	Boring Insects
15078	black twig borer	<i>Xylosandrus compactus</i>	Boring Insects
15079	Pacific dampwood termite	<i>Zootermopsis angusticollis</i>	Boring Insects
15080	subtropical pine tip moth	<i>Rhyacionia subtropica</i>	Boring Insects
15081	Asian ambrosia beetle	<i>Xylosandrus crassiusculus</i>	Boring Insects
15082	Asian longhorned beetle	<i>Anoplophora glabripennis</i>	Boring Insects
15083	cottonwood twig borer	<i>Gypsonoma haimbachiana</i>	Boring Insects
15084	southern pine sawyer	<i>Monochamus titillator</i>	Boring Insects
15085	banded ash borer	<i>Neoclytus caprea</i>	Boring Insects
15086	Sitka spruce weevil	<i>Pissodes sitchensis</i>	Boring Insects
15087	emerald ash borer	<i>Agrilus planipennis</i>	Boring Insects
15088	hemlock borer	<i>Melanophila fulvoguttata</i>	Boring Insects
15089	Formosan subterranean termite	<i>Coptotermes formosanus</i>	Boring Insects
15090	sirex woodwasp	<i>Sirex noctilio</i>	Boring Insects
15091	Oregon fir sawyer	<i>Monochamus scutellatus oregonensis</i>	Boring Insects
15092	cypress weevil	<i>Eudocimimus mannerheimii</i>	Boring Insects
15093	camphor shot borer	<i>Xylosandrus mutilatus</i>	Boring Insects
15094	goldspotted oak borer	<i>Agrilus auroguttatus</i>	Boring Insects
15095	European oak borer	<i>Agrilus sulcicollis</i>	Boring Insects
15096	black stem borer	<i>Xylosandrus germanus</i>	Boring Insects
15097	< <i>Icosium tomentosum</i> >	<i>Icosium tomentosum</i>	Boring Insects

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15098	cherry bark tortrix	<i>Enarmonia formosana</i>	Boring Insects
15099	eucalyptus longhorned borer (P. recurva)	<i>Phoracantha recurva</i>	Boring Insects
15100	Japanese cedar longhorn beetle	<i>Callidellum rufipenne</i>	Boring Insects
15101	peach twig borer	<i>Anarsia lineatella</i>	Boring Insects
15102	soapberry borer	<i>Agrilus prionurus</i>	Boring Insects
15103	oak splendor beetle	<i>Agrilus biguttatus</i>	Boring Insects
15104	polyphagous shot hole borer	<i>Euwallacea</i> nov. sp.	Boring Insects
15105	oak twig pruner	<i>Anelaphus parallelus</i>	Boring Insects
15800	other boring insect (known)	<other boring insect (known)>	Boring Insects
15900	unknown boring insect	<unknown boring insect>	Boring Insects
16000	seed/cone/flower/fruit insects	<seed/cone/flower/fruit insects>	Seed/Cone/Flower/Fruit Insects
16001	Douglas-fir cone moth	<i>Barbara colfaxiana</i>	Seed/Cone/Flower/Fruit Insects
16002	lodgepole cone beetle	<i>Conophthorus contortae</i>	Seed/Cone/Flower/Fruit Insects
16003	limber pine cone beetle	<i>Conophthorus flexilis</i>	Seed/Cone/Flower/Fruit Insects
16004	mountain pine cone beetle	<i>Conophthorus monticolae</i>	Seed/Cone/Flower/Fruit Insects
16005	ponderosa pine cone beetle	<i>Conophthorus ponderosae</i>	Seed/Cone/Flower/Fruit Insects
16006	Monterey pine cone beetle	<i>Conophthorus radiatae</i>	Seed/Cone/Flower/Fruit Insects
16007	red pine cone beetle	<i>Conophthorus resinosae</i>	Seed/Cone/Flower/Fruit Insects
16008	white pine cone beetle	<i>Conophthorus coniperda</i>	Seed/Cone/Flower/Fruit Insects
16009	black walnut curculio	<i>Conotrachelus retentus</i>	Seed/Cone/Flower/Fruit Insects
16010	Douglas-fir cone gall midge	<i>Contarinia oregonensis</i>	Seed/Cone/Flower/Fruit Insects
16011	Douglas-fir cone scale midge	<i>Contarinia washingtonensis</i>	Seed/Cone/Flower/Fruit Insects
16012	acorn/nut weevils	<i>Curculio</i> spp.	Seed/Cone/Flower/Fruit Insects
16013	Caroline fruitfly	<i>Dacus frauenfeldi</i>	Seed/Cone/Flower/Fruit Insects
16014	spruce bud midge	<i>Dasineura swainei</i>	Seed/Cone/Flower/Fruit Insects
16015	fir coneworm	<i>Dioryctria abietivorella</i>	Seed/Cone/Flower/Fruit Insects
16016	southern pine coneworm	<i>Dioryctria amatella</i>	Seed/Cone/Flower/Fruit Insects
16017	ponderosa pine coneworm	<i>Dioryctria auranticella</i>	Seed/Cone/Flower/Fruit Insects
16018	loblolly pine coneworm	<i>Dioryctria merkei</i>	Seed/Cone/Flower/Fruit Insects
16019	ponderosa twig moth	<i>Dioryctria ponderosae</i>	Seed/Cone/Flower/Fruit Insects
16020	< <i>Dioryctria pseudotsugella</i> >	<i>Dioryctria pseudotsugella</i>	Seed/Cone/Flower/Fruit Insects
16021	Dioryctria moths	<i>Dioryctria</i> spp.	Seed/Cone/Flower/Fruit Insects
16022	lodgepole cone moth	<i>Eucosma rescissoriana</i>	Seed/Cone/Flower/Fruit Insects

CODE	Common Name	Scientific Name	Category
16023	seed chalcid	<Eurytomidae>	Seed/Cone/Flower/Fruit Insects
16024	slash pine flower thrips	<i>Gnophothrips fuscus</i>	Seed/Cone/Flower/Fruit Insects
16025	white spruce cone maggot	<i>Strobilomyia neanthracina</i>	Seed/Cone/Flower/Fruit Insects
16026	longleaf pine seed worm or moth	<i>Laspeyresia ingens</i>	Seed/Cone/Flower/Fruit Insects
16027	ponderosa pine seed moth	<i>Laspeyresia piperana</i>	Seed/Cone/Flower/Fruit Insects
16028	spruce seed moth	<i>Cydia strobilella</i>	Seed/Cone/Flower/Fruit Insects
16029	boxelder bug	<i>Boisea trivittata</i>	Seed/Cone/Flower/Fruit Insects
16030	leaffooted pine seed bug	<i>Leptoglossus corculus</i>	Seed/Cone/Flower/Fruit Insects
16031	western conifer-seed bug	<i>Leptoglossus occidentalis</i>	Seed/Cone/Flower/Fruit Insects
16032	hollyhock thrips	<i>Liothrips varicornis</i>	Seed/Cone/Flower/Fruit Insects
16033	subalpine fir seed chalcid	<i>Megastigmus lasiocarpae</i>	Seed/Cone/Flower/Fruit Insects
16034	spruce seed chalcid	<i>Megastigmus piceae</i>	Seed/Cone/Flower/Fruit Insects
16035	pine seed chalcid	<i>Megastigmus albifrons</i>	Seed/Cone/Flower/Fruit Insects
16036	fir seed chalcid	<i>Megastigmus pinus</i>	Seed/Cone/Flower/Fruit Insects
16037	Douglas-fir seed chalcid	<i>Megastigmus spermotrophus</i>	Seed/Cone/Flower/Fruit Insects
16038	yellow poplar weevil	<i>Odontopus calceatus</i>	Seed/Cone/Flower/Fruit Insects
16039	fruitpiercing moth	<i>Othreis fullonia</i>	Seed/Cone/Flower/Fruit Insects
16040	roundheaded cone borer	<i>Paratimia conicola</i>	Seed/Cone/Flower/Fruit Insects
16041	mango shoot caterpillar	<i>Penicillaria jocosatrix</i>	Seed/Cone/Flower/Fruit Insects
16042	coneworm (Phycitinae)	<Phycitinae>	Seed/Cone/Flower/Fruit Insects
16043	harvester ants	<i>Pogonomyrmex</i> spp.	Seed/Cone/Flower/Fruit Insects
16044	citrus flower moth	<i>Prays citri</i>	Seed/Cone/Flower/Fruit Insects
16045	fir cone maggot	<i>Strobilomyia abietis</i>	Seed/Cone/Flower/Fruit Insects
16046	spruce cone maggot	<i>Strobilomyia anthracina</i>	Seed/Cone/Flower/Fruit Insects
16047	shieldbacked pine seed bug	<i>Tetyra bipunctata</i>	Seed/Cone/Flower/Fruit Insects
16049	prairie tent caterpillar	<i>Malacosoma lutescens</i>	Seed/Cone/Flower/Fruit Insects
16050	jack pine tip beetle	<i>Conophthorus banksianae</i>	Seed/Cone/Flower/Fruit Insects
16051	webbing coneworm	<i>Dioryctria disclusa</i>	Seed/Cone/Flower/Fruit Insects
16052	blister coneworm	<i>Dioryctria clarioralis</i>	Seed/Cone/Flower/Fruit Insects
16053	southern cone gall midge	<i>Cecidomyia bisetosa</i>	Seed/Cone/Flower/Fruit Insects
16054	seed bugs	<Lygaeidae>	Seed/Cone/Flower/Fruit Insects
16800	other seed/cone/flower insect (known)	<other seed/cone/flower insect (known)>	Seed/Cone/Flower/Fruit Insects
16900	unknown seed/cone/flower insect	<unknown seed/cone/flower insect>	Seed/Cone/Flower/Fruit Insects

CODE	Common Name	Scientific Name	Category
17000	gallmaker insects	<gallmaker insects>	Gallmaker Insects
17001	birch budgall mite	<i>Aceria rudis</i>	Gallmaker Insects
17002	eastern spruce gall adelgid	<i>Adelges abietis</i>	Gallmaker Insects
17003	Cooley spruce gall adelgid	<i>Adelges cooleyi</i>	Gallmaker Insects
17004	horned oak gall	<i>Callirhytis cornigera</i>	Gallmaker Insects
17005	oak gall wasp	<i>Callirhytis quercusfutilis</i>	Gallmaker Insects
17006	gall midge	<Cecidomyiidae>	Gallmaker Insects
17007	Douglas-fir needle midge	<i>Contarinia pseudotsugae</i>	Gallmaker Insects
17008	gall mite	<Eriophyidae>	Gallmaker Insects
17009	spruce gall midge	<i>Mayetiola piceae</i>	Gallmaker Insects
17010	hackberry nipplegall maker	<i>Pachypsylla celtidismamma</i>	Gallmaker Insects
17011	balsam gall midge	<i>Paradiplosis tumifex</i>	Gallmaker Insects
17012	hickory gall phylloxera	<i>Phylloxera caryaecaulis</i>	Gallmaker Insects
17013	gall aphid	<Phylloxeridae>	Gallmaker Insects
17014	alder gall mite	<i>Phytoptus laevis</i>	Gallmaker Insects
17015	psyllid	<Psyllidae>	Gallmaker Insects
17016	sugarberry psyllid	<i>Tetragonocephela flava</i>	Gallmaker Insects
17017	mountain apple psyllid	<i>Trioza vitiensis</i>	Gallmaker Insects
17019	spider mites	<i>Oligonychus</i> spp.	Gallmaker Insects
17020	cypress gall midges	<i>Taxodiomyia</i> spp.	Gallmaker Insects
17021	jumping oak gall wasp	<i>Neuroterus saltatorius</i>	Gallmaker Insects
17022	erythrina gall wasp	<i>Quadrastichus erythrinae</i>	Gallmaker Insects
17023	chestnut gall wasp	<i>Dryocosmus kuriphilus</i>	Gallmaker Insects
17024	crypt gall wasp	<i>Callirhytis ceropteroides</i>	Gallmaker Insects
17800	other gallmaking insect (known)	<other gallmaking insect (known)>	Gallmaker Insects
17900	unknown gallmaking insect	<unknown gallmaking insect>	Gallmaker Insects
18000	predatory insects	<Chrysopidae>	Insect Predators
18001	lacewings	<lacewings>	Insect Predators
18002	blackbellied clerid	<i>Enoclerus lecontei</i>	Insect Predators
18003	redbellied clerid	<i>Enoclerus spegeus</i>	Insect Predators
18004	red wood ant	<i>Formica rufa</i>	Insect Predators
18005	western yellowjacket	<i>Vespula pennsylvanica</i>	Insect Predators

CODE	Common Name	Scientific Name	Category
19000	general diseases	<general diseases>	General Diseases
20000	biotic damage	<biotic damage>	Biotic Damage
20001	damping-off	<damping-off>	Biotic Damage
20002	gray mold	<i>Botrytis cinerea</i>	Biotic Damage
20003	Cassytha	<i>Cassytha filiformis</i>	Biotic Damage
20004	hemlock fluting	<hemlock fluting>	Biotic Damage
21000	root/butt diseases	<root/butt diseases>	Root/Butt Diseases
21001	Armillaria root disease	<i>Armillaria</i> spp.	Root/Butt Diseases
21002	yellow stringy rot	<i>Scytinostroma galactinum</i>	Root/Butt Diseases
21003	Cylindrocladium root disease	<i>Cylindrocladium</i> spp.	Root/Butt Diseases
21004	red belt fungus / brown crumbly rot	<i>Fomitopsis pinicola</i>	Root/Butt Diseases
21005	black root rot of pine	<i>Fusarium oxysporum</i>	Root/Butt Diseases
21006	Fusarium root rot	<i>Fusarium</i> spp.	Root/Butt Diseases
21007	white mottled rot	<i>Ganoderma</i> spp.	Root/Butt Diseases
21008	Ganoderma rot of hardwood	<i>Ganoderma lucidum</i>	Root/Butt Diseases
21009	Ganoderma rot of conifers	<i>Ganoderma tsugae</i>	Root/Butt Diseases
21011	circinatus root rot	<i>Onnia circinata</i>	Root/Butt Diseases
21012	tomentosus root rot/false velvet top fungus	<i>Onnia tomentosa</i>	Root/Butt Diseases
21013	charcoal root rot	<i>Macrophomina phaseolina</i>	Root/Butt Diseases
21015	Schweinitzii root and butt rot	<i>Phaeolus schweinitzii</i>	Root/Butt Diseases
21016	flame tree root disease	<i>Phellinus noxius</i>	Root/Butt Diseases
21017	laminated root rot	<i>Phellinus weirii</i>	Root/Butt Diseases
21019	littleleaf disease / Phytophthora root rot	<i>Phytophthora cinnamomi</i>	Root/Butt Diseases
21020	Port-Orford-cedar root disease	<i>Phytophthora lateralis</i>	Root/Butt Diseases
21022	Pythium root rot	<i>Pythium</i> spp.	Root/Butt Diseases
21023	procera root disease of conifers	<i>Leptographium procerum</i>	Root/Butt Diseases
21024	crown gall	<i>Agrobacterium tumefaciens</i>	Root/Butt Diseases
21025	borealis conk	<i>Climacocystis borealis</i>	Root/Butt Diseases
21026	yellow pitted rot	<i>Hericium abietis</i>	Root/Butt Diseases
21027	brown cubical rot	<i>Laetiporus sulphureus</i>	Root/Butt Diseases
21028	sudden oak death	<i>Phytophthora ramorum</i>	Stem Decays/Cankers
21029	Rhizina root disease	<i>Rhizina undulata</i>	Root/Butt Diseases

CODE	Common Name	Scientific Name	Category
21030	yellow root rot	<i>Perenniporia subacida</i>	Root/Butt Diseases
21031	brown top rot	<i>Fomitopsis cajanderi</i>	Root/Butt Diseases
21033	pocket dry rot	<i>Tyromyces amarus</i>	Root/Butt Diseases
21034	Phytophthora disease of alders	<i>Phytophthora alni</i> ssp. <i>alni</i>	Root/Butt Diseases
21035	Douglas-fir black stain root disease	<i>Leptographium wageneri</i> var. <i>pseudotsugae</i>	Root/Butt Diseases
21036	pine black stain root disease	<i>Leptographium wageneri</i> var. <i>ponderosum</i>	Root/Butt Diseases
21037	Heterobasidion root disease P-type	<i>Heterobasidion irregulare</i>	Root/Butt Diseases
21038	Heterobasidion root disease S-type	<i>Heterobasidion occidentale</i>	Root/Butt Diseases
21700	root or butt decay (indicators present)	<root or butt decay (indicators present)>	Root/Butt Diseases
21800	other root or butt disease (known)	<other root or butt disease (known)>	Root/Butt Diseases
21900	unknown root or butt disease	<unknown root or butt disease>	Root/Butt Diseases
22000	stem decays/cankers	<stem decays/cankers>	Stem Decays/Cankers
22001	heart rot	<heart rot>	Stem Decays/Cankers
22002	stem rot	<stem rot>	Stem Decays/Cankers
22003	sap rot	<sap rot>	Stem Decays/Cankers
22004	slime flux	<slime flux>	Stem Decays/Cankers
22005	viruses	<virus>	Stem Decays/Cankers
22006	black knot of cherry	<i>Apiosporina morbosa</i>	Stem Decays/Cankers
22007	atropellis canker	<i>Atropellis piniphila</i>	Stem Decays/Cankers
22008	Siberian elm canker	<i>Botryodiplodia hypodermia</i>	Stem Decays/Cankers
22009	Botryosphaeria canker	<i>Botryosphaeria ribis</i>	Stem Decays/Cankers
22010	black rot fungus	<i>Botryosphaeria stevensii</i>	Stem Decays/Cankers
22011	Caliciopsis canker	<i>Caliciopsis pinea</i>	Stem Decays/Cankers
22012	black canker of aspen	<i>Ceratocystis fimbriata</i>	Stem Decays/Cankers
22013	sycamore canker aspen	<i>Ceratocystis fimbriata</i> f. sp. <i>platani</i>	Stem Decays/Cankers
22023	chestnut blight	<i>Cryphonectria parasitica</i>	Stem Decays/Cankers
22024	gray brown sap rot	<i>Cryptoporus volvatus</i>	Stem Decays/Cankers
22025	Cryptosphaeria canker of aspen	<i>Cryptosphaeria ligniota</i>	Stem Decays/Cankers
22026	Cytospora canker of fir	<i>Cytospora abietis</i>	Stem Decays/Cankers
22027	red rot	<i>Dichomitus squalens</i>	Stem Decays/Cankers
22028	Indian paint fungus	<i>Echinodontium tinctorium</i>	Stem Decays/Cankers
22029	sooty bark canker	<i>Encoelia pruinosa</i>	Stem Decays/Cankers
22030	Eutypella canker	<i>Eutypella parasitica</i>	Stem Decays/Cankers

CODE	Common Name	Scientific Name	Category
22031	Fusarium cortical stem rot	<i>Gibberella avenacea</i>	Stem Decays/Cankers
22032	pitch canker of pines	<i>Gibberella circinata</i>	Stem Decays/Cankers
22033	Fusiococcum canker	<Fusiococcum canker>	Stem Decays/Cankers
22034	Scleroderris canker	<i>Gremmeniella abietina</i>	Stem Decays/Cankers
22035	amelanchier rust	<i>Gymnosporangium harknessianum</i>	Stem Decays/Cankers
22036	cedar apple rust	<i>Gymnosporangium juniperi-virginianae</i>	Stem Decays/Cankers
22037	Hypoxyton canker of oak	<i>Biscogniauxia atropunctata</i> var. <i>atropunctata</i>	Stem Decays/Cankers
22038	Hypoxyton canker of aspen	<i>Entoleuca mammata</i>	Stem Decays/Cankers
22039	canker rot of oak	<i>Inonotus hispidus</i>	Stem Decays/Cankers
22040	sterile conk trunk rot of birch	<i>Inonotus obliquus</i>	Stem Decays/Cankers
22041	European larch canker	<i>Lachnellula willkommii</i>	Stem Decays/Cankers
22042	beech bark disease	<i>Neonectria</i> spp.	Decline Complexes/Dieback/Wilts
22043	Nectria canker	<i>Neonectria ditissima</i>	Stem Decays/Cankers
22044	ash heart rot	<i>Perenniporia fraxinophila</i>	Stem Decays/Cankers
22047	red ring rot	<i>Phellinus pini</i>	Stem Decays/Cankers
22048	aspen trunk rot	<i>Phellinus tremulae</i>	Stem Decays/Cankers
22049	stem decay of black walnut	<i>Phellinus weirianus</i>	Stem Decays/Cankers
22050	Phomopsis (occulta) canker	<i>Phomopsis occulta</i>	Stem Decays/Cankers
22051	Phomopsis (spp.) canker	<i>Phomopsis</i> spp.	Stem Decays/Cankers
22052	cypress canker	<i>Seiridium cardinale</i>	Stem Decays/Cankers
22053	butternut canker	<i>Sirococcus clavignenti juglandacearum</i>	Stem Decays/Cankers
22054	maple canker	<i>Steganosporium</i> spp.	Stem Decays/Cankers
22055	Thyronectria canker	<i>Thyronectria austroamericana</i>	Stem Decays/Cankers
22056	citrus canker	<i>Xanthomonas citri</i>	Stem Decays/Cankers
22057	Cytospora canker of aspen	<i>Valsa sordida</i>	Stem Decays/Cankers
22058	Dothichiza canker	<i>Chondroplea populea</i>	Stem Decays/Cankers
22060	Leucocytospora canker of spruce	<i>Valsa kunzei</i>	Stem Decays/Cankers
22062	quinine fungus / brown trunk rot	<i>Laricifomes officinalis</i>	Stem Decays/Cankers
22063	< <i>Coniophora puteana</i> >	<i>Coniophora puteana</i>	Stem Decays/Cankers
22064	tinder fungus	<i>Fomes fomentarius</i>	Stem Decays/Cankers
22065	purple conk	<i>Trichaptum abietinum</i>	Stem Decays/Cankers
22066	pinyon black stain root disease	<i>Leptographium wageneri</i> var. <i>wageneri</i>	Stem Decays/Cankers
22067	< <i>Phellinus hartigii</i> >	<i>Phellinus hartigii</i>	Stem Decays/Cankers
22068	false tinder fungus	<i>Phellinus igniarius</i>	Stem Decays/Cankers

CODE	Common Name	Scientific Name	Category
22069	robustus conk	<i>Phellinus robustus</i>	Stem Decays/Cankers
22070	yellow cap fungus	<i>Pholiota</i> spp.	Stem Decays/Cankers
22071	oyster mushroom	<i>Pleurotus ostreatus</i>	Stem Decays/Cankers
22072	white ring rot	<i>Physisporinus rivulosus</i>	Stem Decays/Cankers
22073	hemlock canker	<i>Xenomeris abietis</i>	Stem Decays/Cankers
22074	cedar brown pocket rot	<i>Postia sericeomollis</i>	Stem Decays/Cankers
22075	Lachnellula canker	<i>Lachnellula flavovirens</i>	Stem Decays/Cankers
22076	Strumella canker	<i>Strumella coryneoidea</i>	Stem Decays/Cankers
22077	Phomopsis blight	<i>Phomopsis juniperivora</i>	Stem Decays/Cankers
22078	Fusarium canker of yellow poplar	<i>Nectria haematococca</i>	Stem Decays/Cankers
22079	sterile conk of maple and beech	<i>Inonotus glomeratus</i>	Stem Decays/Cankers
22080	aleurodiscus canker	<i>Aleurodiscus</i> spp.	Stem Decays/Cankers
22081	birch conk	<i>Piptoporus betulinus</i>	Stem Decays/Cankers
22082	Discocainia canker	<i>Discocainia treleasei</i>	Stem Decays/Cankers
22083	red ring rot canker	<i>Phellinus pini</i> var. <i>cancriformans</i>	Stem Decays/Cankers
22084	Douglas-fir cankers	<Douglas-fir cankers>	Stem Decays/Cankers
22085	Scleroderris canker of western firs	<i>Grovesiella abieticola</i>	Stem Decays/Cankers
22086	thousand cankers disease	<i>Geosmithia morbida</i>	Stem Decays/Cankers
22087	Dothichiza canker of poplar	<i>Cryptodiaporthe populea</i>	Stem Decays/Cankers
22088	willow scab	<i>Venturia saliciperda</i>	Stem Decays/Cankers
22089	apple scab	<i>Venturia inaequalis</i>	Stem Decays/Cankers
22700	canker (general)	<canker (general)>	Stem Decays/Cankers
22800	other stem decay / canker disease (known)	<other stem decay / canker disease (known)>	Stem Decays/Cankers
22900	unknown stem decay / canker disease	<unknown stem decay / canker disease>	Stem Decays/Cankers
23000	parasitic/epiphytic plants	<parasitic/epiphytic plants>	Parasitic/Epiphytic Plants
23001	mistletoes	<mistletoe>	Parasitic/Epiphytic Plants
23002	parasitic plants	<parasitic plants>	Parasitic/Epiphytic Plants
23003	vine damage	<vine damage>	Parasitic/Epiphytic Plants
23005	white fir dwarf mistletoe	<i>Arceuthobium abietinum</i> f. sp. <i>concoloris</i>	Parasitic/Epiphytic Plants
23006	American dwarf mistletoe	<i>Arceuthobium americanum</i>	Parasitic/Epiphytic Plants
23007	Apache dwarf mistletoe	<i>Arceuthobium apacheum</i>	Parasitic/Epiphytic Plants
23008	western dwarf mistletoe	<i>Arceuthobium campylopodum</i>	Parasitic/Epiphytic Plants
23009	limber pine dwarf mistletoe	<i>Arceuthobium cyanocarpum</i>	Parasitic/Epiphytic Plants

CODE	Common Name	Scientific Name	Category
23010	pinyon dwarf mistletoe	<i>Arceuthobium divaricatum</i>	Parasitic/Epiphytic Plants
23011	Douglas-fir dwarf mistletoe	<i>Arceuthobium douglasii</i>	Parasitic/Epiphytic Plants
23012	Huachuca Mountain dwarf mistletoe	<i>Arceuthobium gillii</i>	Parasitic/Epiphytic Plants
23013	larch dwarf mistletoe	<i>Arceuthobium laricis</i>	Parasitic/Epiphytic Plants
23014	western spruce dwarf mistletoe	<i>Arceuthobium microcarpum</i>	Parasitic/Epiphytic Plants
23015	eastern dwarf mistletoe	<i>Arceuthobium pusillum</i>	Parasitic/Epiphytic Plants
23016	hemlock dwarf mistletoe	<i>Arceuthobium tsugense</i>	Parasitic/Epiphytic Plants
23017	southwestern dwarf mistletoe	<i>Arceuthobium vaginatum</i> ssp. <i>cryptopodium</i>	Parasitic/Epiphytic Plants
23018	dodder	<i>Cuscuta</i> spp.	Parasitic/Epiphytic Plants
23019	fir mistletoe	<i>Phoradendron pauciflorum</i>	Parasitic/Epiphytic Plants
23020	mistletoe	<i>Phoradendron</i> spp.	Parasitic/Epiphytic Plants
23021	red fir dwarf mistletoe	<i>Arceuthobium abietinum</i> f. sp. <i>magnificae</i>	Parasitic/Epiphytic Plants
23022	juniper mistletoe	<i>Phoradendron juniperinum</i>	Parasitic/Epiphytic Plants
23023	dwarf mistletoe	<i>Arceuthobium</i> spp.	Parasitic/Epiphytic Plants
23024	Klamath fir dwarf mistletoe	<i>Arceuthobium abietinum</i> ssp. <i>Wiensii</i>	Parasitic/Epiphytic Plants
24000	decline complexes/dieback	<decline complexes/dieback>	Decline Complexes/Dieback/Wilts
24001	yellow-cedar decline	<yellow-cedar decline>	Decline Complexes/Dieback/Wilts
24002	Norfolk Island pine decline	<Norfolk Island pine decline>	Decline Complexes/Dieback/Wilts
24003	Stillwell's syndrome	<Stillwell's syndrome>	Decline Complexes/Dieback/Wilts
24004	ash yellows disease	<ash yellows disease>	Decline Complexes/Dieback/Wilts
24005	birch dieback	<birch dieback>	Decline Complexes/Dieback/Wilts
24006	coconut cadang-cadang viroid	<i>Cocadviroid coconut cadang-cadang viroid</i>	Decline Complexes/Dieback/Wilts
24007	pest complex	<pest complex>	Decline Complexes/Dieback/Wilts
24008	decline complex	<decline complex>	Decline Complexes/Dieback/Wilts
24009	fall hardwood defoliator complex	<fall hardwood defoliator complex>	Decline Complexes/Dieback/Wilts
24010	joga decline	<joga decline>	Decline Complexes/Dieback/Wilts
24011	larch decline	<larch decline>	Decline Complexes/Dieback/Wilts
24012	looper abiotic complex	<looper abiotic complex>	Decline Complexes/Dieback/Wilts
24013	maple decline	<maple decline>	Decline Complexes/Dieback/Wilts
24014	oak decline	<oak decline>	Decline Complexes/Dieback/Wilts
24015	pingelap disease	<pingelap disease>	Decline Complexes/Dieback/Wilts
24016	sprout dieback	<sprout dieback>	Decline Complexes/Dieback/Wilts
24017	true fir pest complex	<true fir pest complex>	Decline Complexes/Dieback/Wilts

CODE	Common Name	Scientific Name	Category
24018	western X-disease phytoplasma	<western X-disease phytoplasma>	Decline Complexes/Dieback/Wilts
24019	pinewood nematode	<i>Bursaphelenchus xylophilus</i>	Decline Complexes/Dieback/Wilts
24020	sapstreak disease of sugar maple	<i>Ceratocystis coerulescens</i>	Decline Complexes/Dieback/Wilts
24021	oak wilt	<i>Ceratocystis fagacearum</i>	Decline Complexes/Dieback/Wilts
24022	Dutch elm disease	<i>Ophiostoma novo-ulmi</i>	Decline Complexes/Dieback/Wilts
24023	bacterial wetwood	<i>Enterobacter nimipressuralis</i>	Decline Complexes/Dieback/Wilts
24024	mimosa wilt	<i>Fusarium oxysporum</i> f. sp. <i>perniciosum</i>	Decline Complexes/Dieback/Wilts
24025	Verticillium wilt	<i>Verticillium albo-atrum</i>	Decline Complexes/Dieback/Wilts
24026	bacterial leaf scorch	<i>Xylella fastidiosa</i>	Decline Complexes/Dieback/Wilts
24027	wetwood	<wetwood>	Decline Complexes/Dieback/Wilts
24028	hemlock decline	<hemlock decline>	Decline Complexes/Dieback/Wilts
24029	Pacific madrone decline	<Pacific madrone decline>	Decline Complexes/Dieback/Wilts
24030	elm phloem necrosis phytoplasma	<elm phloem necrosis phytoplasma>	Decline Complexes/Dieback/Wilts
24031	laurel wilt	<i>Raffaelea lauricola</i>	Decline Complexes/Dieback/Wilts
24032	sudden aspen decline	<sudden aspen decline>	Decline Complexes/Dieback/Wilts
24033	koa wilt	<i>Fusarium oxysporum</i> f. sp. <i>koa</i>	Decline Complexes/Dieback/Wilts
24800	other decline/complex/wilt (known)	<other decline/complex/wilt (known)>	Decline Complexes/Dieback/Wilts
24900	unknown decline/complex/wilt	<unknown decline/complex/wilt>	Decline Complexes/Dieback/Wilts
25000	foliage and shoot diseases	<foliage diseases>	Foliage Diseases
25001	blight	<blight>	Foliage Diseases
25003	juniper blights	<juniper blights>	Foliage Diseases
25004	leaf spots	<leaf spots>	Foliage Diseases
25005	needlecast	<needlecast>	Foliage Diseases
25006	powdery mildew	<powdery mildew>	Foliage Diseases
25007	tobacco mosaic virus	<tobacco mosaic virus>	Foliage Diseases
25008	tobacco ringspot virus	<i>Nepovirus TRSV</i>	Foliage Diseases
25009	true fir needle cast	<>true fir needle cast>	Foliage Diseases
25010	sycamore anthracnose	<i>Apiognomonina veneta</i>	Foliage Diseases
25011	Cercospora blight of juniper	<i>Asperisporium sequoiae</i>	Foliage Diseases
25013	large-spored spruce-Labrador tea rust	<i>Chrysomyxa ledicola</i>	Foliage Diseases
25014	ink spot of aspen	<i>Ciborinia whetzelii</i>	Foliage Diseases
25015	pine needle rust	<i>Coleosporium</i> spp.	Foliage Diseases
25016	anthracnose on Russian olive	<i>Colletotrichum</i> spp.	Foliage Diseases

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25017	Coronado limb rust	<i>Cronartium arizonicum</i>	Foliage Diseases
25018	leaf shothole	<i>Cylindrosporium</i> spp.	Foliage Diseases
25019	cedar leaf blight	<i>Didymascella thujina</i>	Foliage Diseases
25020	dogwood anthracnose	<i>Discula destructiva</i>	Foliage Diseases
25021	mango scab	<i>Elsinoë mangiferae</i>	Foliage Diseases
25022	Elytroderma needle blight	<i>Elytroderma deformans</i>	Foliage Diseases
25023	fire blight	<i>Erwinia amylovora</i>	Foliage Diseases
25024	walnut anthracnose	<i>Gnomonia leptostyla</i>	Foliage Diseases
25025	anthracnose	<i>Gnomonia</i> spp.	Foliage Diseases
25027	brown felt blight	<i>Herpotrichia juniperi</i>	Foliage Diseases
25028	larch needle blight	<i>Hypodermella laricis</i>	Foliage Diseases
25029	hardwood anthracnose	<i>Kabatiella apocrypta</i>	Foliage Diseases
25030	Lasiodiplodia cone damage	<i>Lasiodiplodia</i> spp.	Foliage Diseases
25031	Lirula spruce needle blight	<i>Lirula macrospora</i>	Foliage Diseases
25032	fir needle cast	<i>Lirula</i> spp.	Foliage Diseases
25033	white pine needle cast	<i>Lophodermella arcuata</i>	Foliage Diseases
25034	Lophodermella needle cast of pines	<i>Lophodermella</i> spp.	Foliage Diseases
25035	Lophodermium needle cast of pines	<i>Lophodermium</i> spp.	Foliage Diseases
25036	Marssonina blight	<i>Drepanopeziza</i> spp.	Foliage Diseases
25037	Douglas-fir rust	<i>Melampsora medusae</i>	Foliage Diseases
25039	larch needle cast	<i>Meria laricis</i>	Foliage Diseases
25040	Dothistroma needle blight	<i>Mycosphaerella pini</i>	Foliage Diseases
25041	brown felt blight of pines	<i>Neopectekia coulteri</i>	Foliage Diseases
25042	snow blight	<i>Phacidium infestans</i>	Foliage Diseases
25043	Swiss needle cast	<i>Phaeocryptopus gaeumannii</i>	Foliage Diseases
25044	Phoma blight	<i>Phoma</i> spp.	Foliage Diseases
25045	Phyllosticta leaf spot	<i>Phyllosticta</i> spp.	Foliage Diseases
25046	bud rot	<i>Phytophthora palmivora</i>	Foliage Diseases
25047	Ploioderma needle cast	<i>Ploioderma</i> spp.	Foliage Diseases
25048	ash rust	<i>Puccinia sparganioides</i>	Foliage Diseases
25049	fir and hemlock needle rusts	<i>Pucciniastrum</i> spp.	Foliage Diseases
25050	Rhabdocline needle cast	<i>Rhabdocline</i> spp.	Foliage Diseases
25051	Rhizoctonia needle blight	<i>Rhizoctonia</i> spp.	Foliage Diseases
25052	Rhizosphaera needle cast	<i>Rhizosphaera</i> spp.	Foliage Diseases

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25053	Rhizopus rot	<i>Rhizopus stolonifer</i> var. <i>stolonifer</i>	Foliage Diseases
25054	brown spot needle blight	<i>Mycosphaerella dearnessii</i>	Foliage Diseases
25055	Septoria leaf spot of alder	<i>Septoria alnifolia</i>	Foliage Diseases
25056	Septoria leaf spot and canker	<i>Mycosphaerella populorum</i>	Foliage Diseases
25057	Sirococcus tip blight	<i>Sirococcus conigenus</i>	Foliage Diseases
25058	Diplodia canker	<i>Sphaeropsis sapinea</i>	Foliage Diseases
25059	leaf blister of oak	<i>Taphrina caerulescens</i>	Foliage Diseases
25060	Venturia leaf blight of maple	<i>Venturia aceris</i>	Foliage Diseases
25061	aspen shoot blight	<i>Venturia macularis</i>	Foliage Diseases
25063	yellow-cedar shoot blight	<i>Apostrasseria</i> spp.	Foliage Diseases
25065	spruce needle rust	<i>Chrysomyxa weirii</i>	Foliage Diseases
25066	yellow cypress rust	<i>Gymnosporangium nootkatense</i>	Foliage Diseases
25067	spruce needle cast	<i>Lophodermium piceae</i>	Foliage Diseases
25068	hardwood leaf rusts	<i>Melampsora</i> spp.	Foliage Diseases
25070	hemlock needle rust	<i>Naohidemyces vaccinii</i>	Foliage Diseases
25071	Rhizosphaera needle disease of fir	<i>Rhizosphaera pini</i>	Foliage Diseases
25072	sirococcus shoot blight	<i>Sirococcus strobilinus</i>	Foliage Diseases
25073	cottonwood and poplar shoot blight	<i>Venturia populina</i>	Foliage Diseases
25074	Delphinella shoot blight	<i>Delphinella abietis</i>	Foliage Diseases
25075	tar spot	<i>Rhytisma acerinum</i>	Foliage Diseases
25076	birch leaf fungus	<i>Septoria betulae</i>	Foliage Diseases
25077	Septoria leaf spot of maple	<i>Septoria aceris</i>	Foliage Diseases
25078	Eurasian poplar leaf rust	<i>Melampsora larici-populina</i>	Foliage Diseases
25079	ohia/guava rust	<i>Puccinia psidii</i>	Foliage Diseases
25080	bur oak blight	<i>Tubakia iowensis</i>	Foliage Diseases
25800	other foliage / shoot disease (known)	<other foliage / shoot disease (known)>	Foliage Diseases
25900	unknown foliage / shoot disease	<unknown foliage / shoot disease>	Foliage Diseases
26000	stem rust	<stem rust>	Stem Rusts
26001	white pine blister rust	<i>Cronartium ribicola</i>	Stem Rusts
26002	western gall rust	<i>Endocronartium harknessii</i>	Stem Rusts
26003	stalactiform rust	<i>Cronartium coleosporioides</i>	Stem Rusts
26004	comandra blister rust	<i>Cronartium comandrae</i>	Stem Rusts
26005	pinyon rust	<i>Cronartium occidentale</i>	Stem Rusts

CODE	Common Name	Scientific Name	Category
26006	eastern gall rust	<i>Cronartium quercuum</i>	Stem Rusts
26007	gall rust of jack pine	<i>Cronartium quercuum</i> f. sp. <i>banksianae</i>	Stem Rusts
26008	gall rust of shortleaf pine	<i>Cronartium quercuum</i> f. sp. <i>echinatae</i>	Stem Rusts
26009	fusiform rust	<i>Cronartium quercuum</i> f. sp. <i>fusiforme</i>	Stem Rusts
26010	gall rust of Virginia pine	<i>Cronartium quercuum</i> f. sp. <i>virginianae</i>	Stem Rusts
26011	Bethuli rust	<i>Peridermium bethuli</i>	Stem Rusts
26012	filamentosum rust	<i>Peridermium filamentosum</i>	Stem Rusts
26013	southern cone rust	<i>Cronartium strobilinum</i>	Stem Rusts
26014	sweetfern rust disease	<i>Cronartium comptoniae</i>	Stem Rusts
26800	other stem rust (known)	<other stem rust (known)>	Stem Rusts
26900	unknown stem rust	<unknown stem rust>	Stem Rusts
27000	broom rusts	<broom rusts>	Broom Rusts
27001	spruce broom rust	<i>Chrysomyxa arctostaphyli</i>	Broom Rusts
27002	incense-cedar broom rust	<i>Gymnosporangium libocedri</i>	Broom Rusts
27003	juniper broom rust	<i>Gymnosporangium nidus-avis</i>	Broom Rusts
27004	yellow witches-broom of fir	<i>Melampsorella caryophyllacearum</i>	Broom Rusts
27800	other broom rust (known)	<other broom rust (known)>	Broom Rusts
27900	unknown broom rust	<unknown broom rust>	Broom Rusts
28000	boring insects - shoot and twig	<boring insects - shoot and twig>	Terminal, Shoot, and Twig Insects
28001	pine shoot beetle	<i>Tomicus piniperda</i>	Terminal, Shoot, and Twig Insects
28002	palmetto weevil	<i>Rynchophorus cruentatus</i>	Terminal, Shoot, and Twig Insects
29000	root feeding insects	<root feeding insects>	Root Insects
30000	fire	<fire>	Fire
30001	wild fire	<wild fire>	Fire
30002	human caused fire	<human caused fire>	Fire
30003	crown fire damage	<crown fire damage>	Fire
30004	ground fire damage	<ground fire damage>	Fire
41000	wild animals	<wild animals>	Wild Animals
41001	bears	<i>Ursus</i> spp.	Wild Animals
41002	American beaver	<i>Castor canadensis</i>	Wild Animals
41003	big game	<big game>	Wild Animals
41004	mice or voles	<mice or voles>	Wild Animals

CODE	Common Name	Scientific Name	Category
41005	pocket gophers	<Geomyidae>	Wild Animals
41006	common porcupine	<i>Erethizon dorsatum</i>	Wild Animals
41007	rabbits	<i>Sylvilagus</i> spp.	Wild Animals
41008	sapsuckers	<i>Sphyrapicus</i> spp.	Wild Animals
41009	squirrels	<Sciuridae>	Wild Animals
41010	woodpeckers	<Piciformes>	Wild Animals
41011	moose	<i>Alces alces</i>	Wild Animals
41012	elk	<i>Cervus elaphus</i>	Wild Animals
41013	deer	<i>Odocoileus</i> spp.	Wild Animals
41014	feral pigs	<i>Sus scrofa</i>	Wild Animals
41015	mountain beaver	<i>Aplodontia rufa</i>	Wild Animals
41016	deer or elk	<Cervidae>	Wild Animals
41017	earthworm	<Lumbricidae>	Wild Animals
41800	other wild animals (known)	<other wild animals (known)>	Wild Animals
41900	unknown wild animals	<unknown wild animals>	Wild Animals
42000	domestic animals	<domestic animals>	Domestic Animals
42001	domesticated cattle	<i>Bos taurus</i>	Domestic Animals
42002	goat	<i>Capra hircus</i>	Domestic Animals
42003	horse	<i>Equus caballus</i>	Domestic Animals
42004	sheep	<i>Ovis aries</i>	Domestic Animals
42800	other domestic animal (known)	<other domestic animal (known)>	Domestic Animals
42900	unknown domestic animal	<unknown domestic animal>	Domestic Animals
50000	abiotic damage	<abiotic damage>	Abiotic Damage
50001	air pollutants	<air pollutants>	Abiotic Damage
50002	chemical	<chemical>	Abiotic Damage
50003	drought	<drought>	Abiotic Damage
50004	flooding-high water	<flooding-high water>	Abiotic Damage
50005	frost	<frost>	Abiotic Damage
50006	hail	<hail>	Abiotic Damage
50007	heat	<heat>	Abiotic Damage
50008	lightning	<lightning>	Abiotic Damage
50009	nutrient imbalances	<nutrient imbalances>	Abiotic Damage

CODE	Common Name	Scientific Name	Category
50010	radiation	<radiation>	Abiotic Damage
50011	snow-ice	<snow-ice>	Abiotic Damage
50013	wind-tornado/hurricane	<wind-tornado/hurricane>	Abiotic Damage
50014	winter injury	<winter injury>	Abiotic Damage
50015	avalanche	<avalanche>	Abiotic Damage
50016	mud-land slide	<mud-land slide>	Abiotic Damage
50017	volcano	<volcano>	Abiotic Damage
50018	other geologic event	<other geologic event>	Abiotic Damage
50019	mechanical (non-human caused)	<mechanical (non-human caused)>	Abiotic Damage
50020	saltwater injury - flooding / hurricane	<saltwater injury - flooding / hurricane>	Abiotic Damage
50800	other abiotic damage (known)	<other abiotic damage (known)>	Abiotic Damage
50900	unknown abiotic damage	<unknown abiotic damage>	Abiotic Damage
60000	competition	<competition>	Competition
70000	human activities	<human activities>	Human Activities
70001	herbicides	<herbicides>	Human Activities
70003	imbedded objects	<imbedded objects>	Human Activities
70004	improper planting technique	<improper planting technique>	Human Activities
70005	land clearing	<land clearing>	Human Activities
70006	land use conversion	<land use conversion>	Human Activities
70007	logging damage	<logging damage>	Human Activities
70008	mechanical	<mechanical>	Human Activities
70009	pesticides	<pesticides>	Human Activities
70010	roads	<roads>	Human Activities
70011	soil compaction	<soil compaction>	Human Activities
70012	suppression	<suppression>	Competition
70013	vehicle damage	<vehicle damage>	Human Activities
70014	road salt or deicers	<road salt or deicers>	Human Activities
71000	harvest	<harvest>	Human Activities
71001	woodland cutting	<woodland cutting>	Human Activities
80000	multi-damage (insect/disease)	<multi-damage (insect/disease)>	Multi-Damage (Insect/Disease)
80001	aspen defoliation	<aspen defoliation>	Multi-Damage (Insect/Disease)

